



Submittal Data Information

VorTech® & 4900 Series Air Separators

101-040

Effective: July 14, 2016

Supersedes: December 18, 2013

Job: _____ Engineer: _____ Contractor: _____ Rep: _____

ITEM NO.	MODEL NO.

4900 Materials of Construction

Housing: Brass
 PALL Rings: Stainless Steel
 Venting Unit Components:
 Stainless Steel, EPDM, Viton,
 Brass and Engineered Plastics

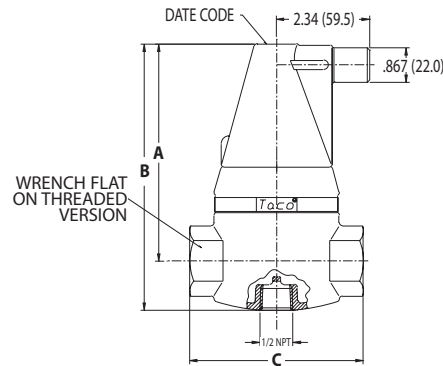
4900 Ratings

Max. Operating Pressure: 150 psi
 Max. Operating Temperature: 240°F
 Min. Operating Temperature: 25°F
 Media: Water or Water/Glycol
 Max. Velocity: 5 feet/sec

Product	Cv	Kv
49-075	14	12
49-100	24	20
49-125	37	32
49-150	49	42
49-200	73	63

4900 Dimensions & Weights: (FOR REFERENCE PURPOSES)

Model	Conn. Size	A		B		C (NPT)		C (SWT)		C (PRESS)		Wrench Flat Width		Approx. Ship Wt.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
49-075	3/4"	4-3/4	121	5-15/16	151	3-3/4	96	4-3/16	107	6-5/8	168	1-1/2	38	3.5	1.6
49-100	1"	5-1/2	139	6-3/4	171	4-3/8	111	4-13/16	122	7	178	1-3/4	44	4.5	2.0
49-125	1-1/4"	6-1/16	154	7-9/16	192	4-1/2	114	5-3/16	132	7-7/8	200	2-1/4	57	5.3	2.4
49-150	1-1/2"	6-1/16	154	7-9/16	192	4-1/2	114	5-7/16	138	---	---	2-1/2	64	5.4	2.5
49-200	2"	6-5/8"	169	8-7/16	214	5-3/16	131	N/A	N/A	---	---	2-3/4	70	6.0	2.7



VorTech® Materials of Construction

Body & Cap:.....Cast Iron
 Cartridge & Plate:.....Stainless Steel
 O-Ring:Viton
 Vent:.....Taco 419 Hy-Vent*

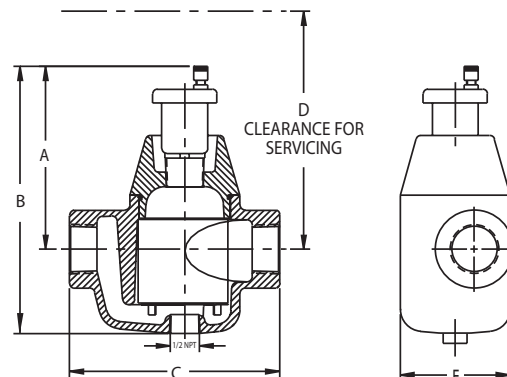
VorTech® Ratings

Max. Operating Pressure: 150 psi
 Max. Operating Temperature: 240°F
 Media: Water or Water/Glycol
 Recommended Velocity: 4 feet/sec
 Max. Velocity: 8 feet/sec

Product	Cv	Kv
VRTX075	14	12.5
VRTX100	15.5	14.1
VRTX125	21.4	17.0
VRTX150	34.8	30.1
VRTX200	42.7	36.9

VorTech® Dimensions & Weights: (FOR REFERENCE PURPOSES)

Model	Conn. Size (NPT)	A		B		C		D		E		Approx. Ship Wt.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
VRTX075	3/4"	5	127	7-5/8	194	5-3/4	146	6-1/2	165	3	76	7	3.2
VRTX100	1"	5	127	7-5/8	194	5-3/4	146	6-1/2	165	3	76	7	3.2
VRTX125	1-1/4"	5	127	7-5/8	192	5-3/4	146	6-1/2	165	3	76	7	3.2
VRTX150	1-1/2"	5-3/4	146	9-1/8	232	8-1/4	210	7-1/4	184	4-7/8	124	15	6.8
VRTX200	2"	5-3/4	146	9-1/8	232	8-1/4	210	7-1/4	184	4-7/8	124	15	6.8



Taco, Inc., 1160 Cranston Street, Cranston, RI 02920 | Tel: (401) 942-8000 | FAX: (401) 942-2360

Taco (Canada), Ltd., 8450 Lawson Road, Suite #3, Milton, Ontario L9T 0J8 | Tel: (905) 564-9422 | FAX: (905) 564-9436

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